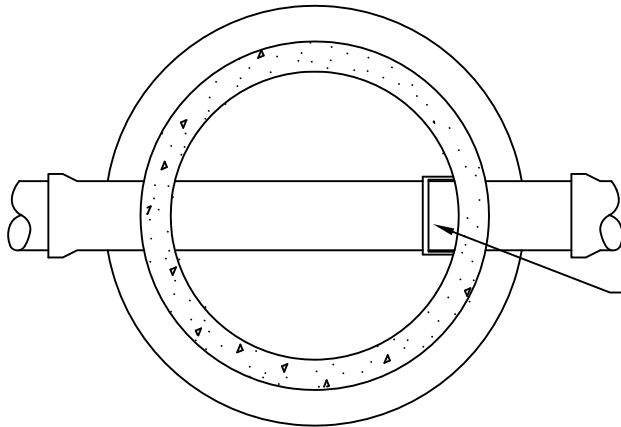


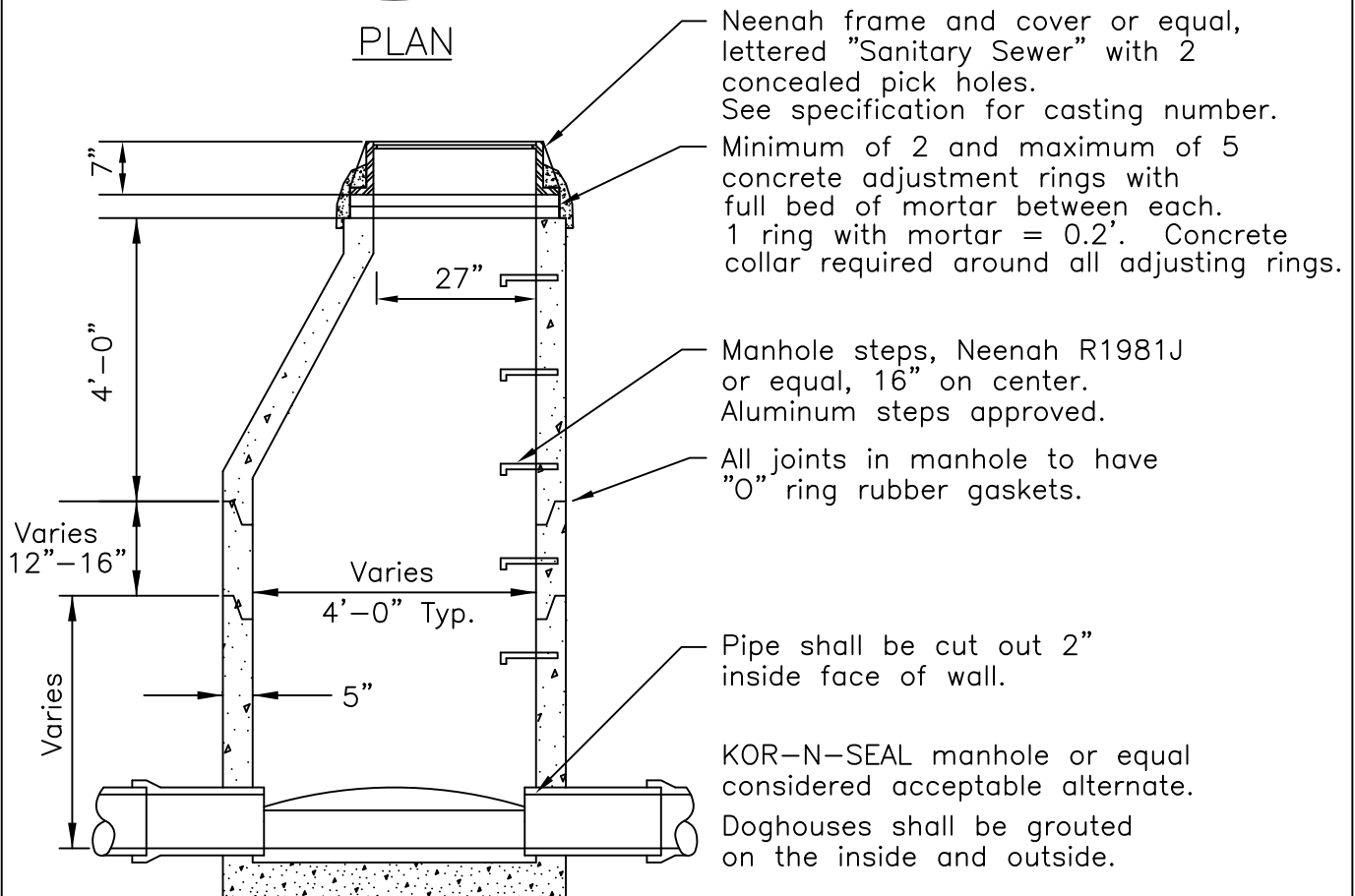
Precast invert must be  $1/2$  diameter of the pipe and benches sloped 2" toward the invert.



CASTING	A	B
R1642B	27"	7"

Manhole steps shall be placed so that offset vertical portion of cone is facing downstream.

PLAN



Neenah frame and cover or equal, lettered "Sanitary Sewer" with 2 concealed pick holes. See specification for casting number.

Minimum of 2 and maximum of 5 concrete adjustment rings with full bed of mortar between each. 1 ring with mortar = 0.2'. Concrete collar required around all adjusting rings.

Manhole steps, Neenah R1981J or equal, 16" on center. Aluminum steps approved.

All joints in manhole to have "O" ring rubber gaskets.

Pipe shall be cut out 2" inside face of wall.

KOR-N-SEAL manhole or equal considered acceptable alternate.

Doghouses shall be grouted on the inside and outside.

Minimum thickness of precast base is 6" for structure 14' deep or less, and increases 1" in thickness for every 4' of depth greater than 14'.

SECTION



STANDARD DETAILS  
SANITARY SEWER MANHOLE

FARMINGTON, MINNESOTA

Last Revision:  
FEB 2006

City Plate No.  
SAN-01  
2017